

Notice of Allowability

Application No.

09/346,789

Examiner

Lewis A. Bullock, Jr.

Applicant(s)

NIEMI, FREDERICK E.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to after-final amended filed April 7, 2006.
2. ☒ The allowed claim(s) is/are 1-12, 14-31, 33-42 and 44-50 now renumbered 1-44.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

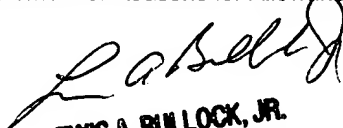
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


LEWIS A. BULLOCK, JR.
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Edwin Paul on May 4, 2006.

The application has been amended as follows:

The claims are amended as follows:

Claim 1, line 17,

- First, delete the word "the".
- After "with", insert "a registered and displayed"
- After "existing", insert "application or process"

Claim 1, line 18,

- Delete "with"
- After "the" insert "registered and displayed"

Claim 7, line 17,

- After "station", insert "without having to close and re-start the management station"

Claim 7, line 18,

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- First, delete the word “the”.
- After “with”, insert “a registered and displayed”
- After “existing”, insert “application or process”

Claim 7, line 19,

- Delete “with”
- After “the” insert “registered and displayed”

Claim 8, line 14,

- After “request,”, insert “automatically and dynamically displaying the notification message at the user interface application without having to close and re-start the user interface application,”

Claim 8, line 14,

- First, delete the word “the”.

Claim 8, line 15,

- After the first instance of “with”, insert “a registered and displayed”
- After “existing”, insert “application or process”
- Delete second instance of “with”
- After “the” insert “registered and displayed”

Claim 16, line 13,

- First, delete the word “the”.

Claim 16, line 14,

- After the first instance of “with”, insert “a registered and displayed”
- After “existing”, insert “application or process”
- Delete second instance of “with”
- After “the” insert “registered and displayed”

Claim 22 (currently amended) A method for management of application processes in a computer network, comprising:

adding a new application process to execute on a server computer;

transmitting by the new application process, in response to the new application process being added, a registration service request to a process manager software executing on a workstation;

receiving the registration service request by the workstation; and

identifying by management software executing on the workstation that the new application process is executing on the server computer,

automatically and dynamically displaying, in response to receiving the registration service request, an indication that the new application process is executing on the server computer without having to close and re-start the management software
and

automatically and dynamically modifying the parameters associated with a registered and displayed existing application process or ~~with~~ the registered and displayed new application process.

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Claim 24 (canceled).

Claim 25 (currently amended) A system for management of application processes in a computer network, comprising:

means for adding a new application process to execute on a server computer;

means for transmitting by the new application process, in response to the new application process being added, a registration service request to a process manager software executing on a workstation;

means for receiving the registration service request by the workstation;

means for identifying by management software executing on the workstation that the new application process is executing on the server computer,

means for automatically and dynamically displaying, in response to receiving the registration service request, an indication that the new application process is executing on the server computer without having to close and re-start the management software and

means for automatically and dynamically modifying the parameters associated with a registered and displayed existing application process or with the registered and displayed new application process.

Claim 27 (canceled).

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Claim 28 (currently amended) A system for management of application processes in a computer network, comprising:

a server computer, the server computer having a new application process added to execute on the server computer;

a workstation;

a network communication facility to transmit by the server computer, in response to the new application process being added, a registration service request to a process manager software executing on the workstation; and

management software executing on the workstation, in response to receiving the registration service request, the management software identifying that the new application process is executing on the server computer, automatically and dynamically displaying an indication that the new application process is executing on the server computer without having to close and re-start the management software, and automatically and dynamically modifying the parameters associated with a registered and displayed existing application process or with the registered and displayed new application process.

Claim 30 (canceled).

Claim 31 (currently amended) A computer readable medium, comprising:

said computer readable medium having instructions written thereon for execution on a processor for the practice of a method for management of application processes in a computer network, having the steps:

adding a new application process to execute on a server computer;

transmitting by the new application process, in response to the new application process being added, a registration service request to a process manager software executing on a workstation;

receiving the registration service request by the workstation;

identifying by management software executing on the workstation that the new application process is executing on the server computer,

automatically and dynamically displaying, in response to receiving the registration service request, an indication that the new application process is executing on the server computer without having to close and re-start the management software,
and

automatically and dynamically modifying the parameters associated with a registered and displayed existing application process or ~~with the~~ registered and displayed new application process.

Claim 33 (currently amended) A method for operating a workstation, comprising:
executing a management software on the workstation;
receiving a registration service request by the workstation from a server computer, the registration service request transmitted by a new application process, the

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new application process transmitting the registration service request in response to being added to the server computer to execute on the server computer;

identifying by the management software executing on the workstation that the new application process is executing on the server computer,

automatically and dynamically displaying, in response to receiving the registration service request, an indication that the new application process is executing on the server computer without having to close and re-start the management software,
and

automatically and dynamically modifying the parameters associated with a registered and displayed existing application process or with the registered and displayed new application process.

Claim 35 (canceled).

Claim 36 (currently amended) A computer workstation, comprising:

means for executing a management software on the workstation;

means for receiving a registration service request by the workstation from a server computer, the registration service request transmitted by a new application process, the new application transmitting the registration service request in response to being added to the server computer to execute on the server computer;

means for identifying by the management software executing on the workstation that the new application process is executing on the server computer,

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means for automatically and dynamically displaying, in response to receiving the registration service request, an indication that the new application process is executing on the server computer without having to close and re-start the management software,
and

means for automatically and dynamically modifying the parameters associated with a registered and displayed existing application process or with the registered and displayed new application process.

Claim 38 (canceled).

Claim 39 (currently amended) A computer workstation, comprising:

a management software executing on the workstation;

a network communication facility to receive a registration service request by the workstation from a server computer, the registration service request transmitted by a new application process, the new application process transmitting the registration service request in response to being added to the server computer to execute on the server computer; and

the management software identifying, in response to receiving the registration service request, that the new application process is executing on the server computer, automatically and dynamically displaying an indication that the new application process is executing on the server computer without having to close and re-start the management software, and automatically and dynamically modifying the parameters

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associated with a registered and displayed existing application process or with the registered and displayed new application process.

Claim 41 (canceled).

Claim 42 (currently amended) A computer readable media, comprising:

said computer readable media having instructions written thereon for execution on a processor for the practice of a method for operating a workstation, the method having the steps of:

executing a management software on the workstation;

receiving a registration service request by the workstation from a server computer, the registration service request transmitted by a new application process, the new application process transmitting the registration service request in response to being added to the server computer to execute on the server computer; and

identifying by the management software executing on the workstation that the new application process is executing on the server computer;

automatically and dynamically displaying, in response to receiving the registration service request, an indication that the new application process is executing on the server computer without having to close and re-start the management software,
and

automatically and dynamically modifying the parameters associated with a registered and displayed existing application process or with the registered and displayed new application process.

Claim 44 (currently amended) A method for operating a server computer, comprising:

adding a new application process to execute on the server computer; and
transmitting by the new application process, in response to the new application process being added, a registration service request to a workstation, the workstation configured to: identify, upon receipt of the registration service request, that the new application process is executing on the server computer, automatically and dynamically display an indication that the new application process is executing on the server computer without having to close and re-start the workstation, and automatically and dynamically modify the parameters associated with a registered and displayed existing application process or with the registered and displayed new application process.

Claim 46 (currently amended) A server computer, comprising:

means for adding a new application process to execute on the server computer;
and

means for transmitting by the new application process, in response to the new application process being added, a registration service request to a workstation, the workstation configured to: identify, upon receipt of the registration service request, that

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the new application process is executing on the server computer, automatically and dynamically display an indication that the new application process is executing on the server computer without having to close and re-start the workstation, and automatically and dynamically modify the parameters associated with a registered and displayed existing application process or with the registered and displayed new application process, and

~~means for automatically and dynamically modifying the parameters associated with existing or with the new application process.~~

Claim 48 (currently amended) A server computer, comprising:

an interface to a new network device, the new network device having a new application process to execute on the server computer; and

a network communication facility to transmit by the new application process, in response to the new application process being added to the server computer, a registration service request to a workstation, the workstation configured to: identify, upon receipt of the registration service request, that the new application process is executing on the server computer, automatically and dynamically display an indication that the new application process is executing on the server computer without having to close and re-start the workstation, and automatically and dynamically modify the parameters associated with a registered and displayed existing application process or with the registered and displayed new application process.

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Claim 50 (currently amended) A computer readable media, comprising:

said computer readable media having instructions written thereon for execution on a processor for the practice of a method for operating a server computer, the method having the steps of:

adding a new application process to execute on the server computer; and

transmitting by the new application process, in response to the new application process being added, a registration service request to a workstation, the workstation configured to: identify, upon receipt of the registration service request, that the new application process is executing on the server computer, automatically and dynamically display an indication that the new application process is executing on the server computer without having to close and re-start the workstation, and automatically and dynamically modify the parameters associated with a registered and displayed existing application process or ~~with~~ the registered and displayed new application process.

2. The following is an examiner's statement of reasons for allowance: The claims are allowable for at least the following reasons: All of the claims indicate allowable subject matter of "in response to opening a new application / process / application process issuing a registration request from the new entity to register with a manager, automatically and dynamically displaying a notification of the registered entity and automatically and dynamically modifying parameters associated with any entity registered, either existing or the new entity". The cited prior art of record teaches

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portions of the claimed language but does not properly teach all of the cited language that meets the requirements of 35 U.S.C. 103. Some of the prior art teach automatically and dynamically modifying parameters associated with registered processes or automatically and dynamically displaying an indication of a new process, however other references allude to the processes being pre-registered or once registered with a manager the manager must re-start in order to manipulate/display those processes. In other prior art references, the processes do not register with the manager but are dynamically determined by another entity or the manager itself. This would not meet the limitation of the process registering with the manager. Therefore, the claims are allowable based upon the allowable subject matter as indicated above, since none of the prior art of record adequately teaches this language.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lewis A. Bullock, Jr. whose telephone number is (571) 272-3759. The examiner can normally be reached on Monday-Friday, 8:30 a.m. - 5:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng An can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

May 5, 2006



LEWIS A. BULLOCK, JR.
PRIMARY EXAMINER